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(72) Inventor; and
(75) Inventor/Applicant (for US only): VAN SPRANG, Hendrik, A. [NL/NL]; c/o Prof. Holstlaan 6, NL-5656 AA Eindhoven (NL).

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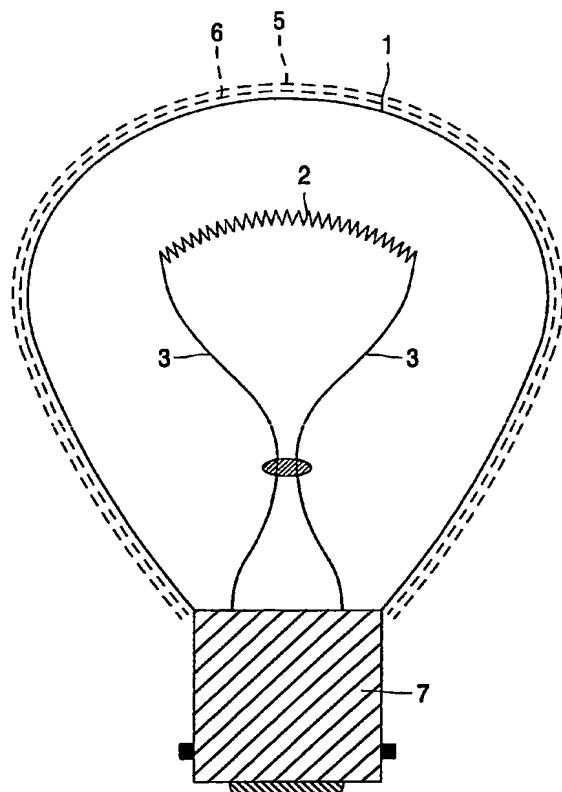
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(71) Applicant (for all designated States except US): KONINKLIJKE PHILIPS ELECTRONICS N.V. [NL/NL]; Groenewoudseweg 1, NL-5621 BA Eindhoven (NL).

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(54) Title: ELECTRIC LAMP



(57) Abstract: The electric lamp comprises a lamp vessel (1) which is transparent to visible light and which accommodates a light source (2). The lamp vessel (1) is covered with a combination of a light-absorbing medium (6) and an optical interference film (5) comprising layers of alternately a first layer of a material with a comparatively high refractive index and a second layer of silicon dioxide. According to the invention the maximum reflection R_{max} of the interference film (5; 15) lies in the range from $0.50 \leq R_{max} \leq 0.90$ and in that the variation in the reflection R of the interference film (5; 15) in the wavelength range from $400 \leq \lambda \leq 690$ nm ranges from 0.0 to R_{max} in order to obtain an overall color neutral appearance. In operation, the electric lamp according to the invention emits colored light in the transmission mode and has a substantially color-neutral appearance in the off state.

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